

May 16, 1997

## OCTS Project Status Update

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Leader, OCTS Sensor Team

- Instrument Status
  - Working Operationally and Satisfactorily
  - Collecting Global Data (V & IR) with 700m Spatial Resolution
  - Tilt Mechanism: unable to set at Full Range ( $\pm 19$  degree approx.)
    - Needs tilt angle readout every scan for data processing
  - Sensor Degradation in IR Bands - Needs Periodical Baking
- Mission Operation
  - Occasional "non-tilt" operation for AVIRIS underflight (twice a year)
  - "Land-mode" Observation Scheduled in Future
    - Land-oriented observation planned in July 25 - August 4?
  - Suspension of Operation Planned due to Baking (4-13 July Planned)
- Calibration of Visible Bands
  - Calibration Numbers Set to the Preflight Values
    - To Be Updated Shortly by AVIRIS April/May Observation
  - Correction Factors Applied for Ocean Color Atmospheric Correction
    - Vicarious Calibration Done by CalCOFI Data
    - Activities be Continued with Off-Lanai MOBY and CalCOFI Datasets.
  - Inter-detector Sensitivity Correction Applied
    - To Minimize Striping Noise
- Calibration of IR Bands
  - Preflight Numbers updated by recalculation
  - Inter-band Noise observed: Correction Factors Applied
- Data Processing at NASDA/EOC
  - Update on Data Processing System on April 10
    - Fixed Bug in Solar Position Calculation (for Level 1A and higher)
    - Calibration System Changed to Allow "Vicarious Calibration Factor"
  - Standard Product Generation Going on as Planned: LAC/GAC L1A - L3 Binned/BM
  - Current Status of Product Generation (As of May 6)
    - Level 0 (received at EOC): 11/2/96 - to date
    - Level 0 (rec. at ASF/WFF): 11/1/96 - 2/18/97 (To catch up in July?)
    - RTC (rec. at EOC): 11/2/96 - to date
    - GAC for Level 3 Binned Daily: 11/1/96 - 2/1/97
    - GAC for Level 3 Binned Weekly: 11/1/96 - 1/4/97
    - GAC for Level 3 Binned Monthly: 11/1/96 - 11/30/96
  - Current Status for Responding the Data Request made by PI
    - 2 weeks for EOC-held Data
  - Reprocessing (First and Final?) planned starting as early as October..
- Data Distribution Plan for General Research Use
  - Formal Announcement:
    - near-Japan and Hawaiian Data: June, 1997-
    - Global Data: October, 1997 -
  - Possibility:
    - Any Scene of Global Coverage if NASDA Stocks the Required Data
- Contact Points at NASDA:
  - E-mail: [adeosdata@eorc.nasda.go.jp](mailto:adeosdata@eorc.nasda.go.jp)
  - ADEOS Home Page: <http://www.eorc.nasda.go.jp/ADEOS>
  - Posting to the OCTS User's Forum (BBS) : [OCTS\\_User@eorc.nasda.go.jp](mailto:OCTS_User@eorc.nasda.go.jp)